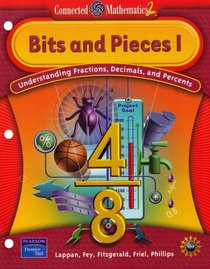
Math Reflection

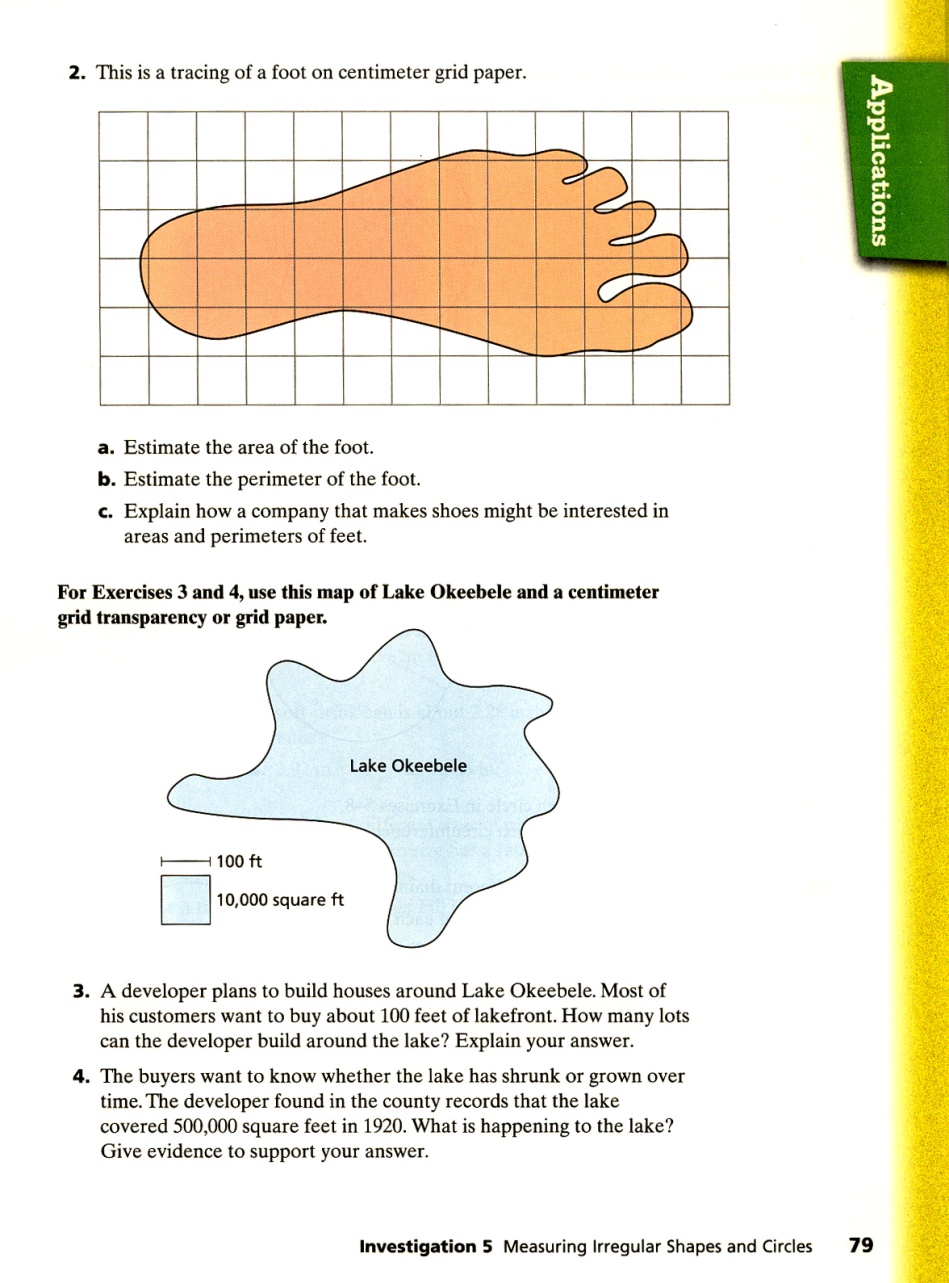
This year in math we used a program called Connected Math 2. Connected Math 2 is a different math program than the ones we have used in the past. This program is made up of eight units. Each unit is organized around an idea or group of ideas. So far we have worked on six of the eight units. We have worked on *Prime Time*, *Bits and pieces 1*, *Bits and pieces 2*, *Shapes and designs*, *Covering and Surrounding*, and *How likely is it?* We explored concepts and developed strategies by discussing them in class. We write our work in our notebooks. Our note books are set up to organize our work so we can make conjectures and better understand strategies and algorithms. Our notebooks are divided into three sections which are class work, homework, and assessments. We also have a vocabulary notebook that will follow us to middle school. Before each unit, the book shows us the main focus of the unit.

[](http://cd.pbsstatic.com/l/07/6307/9780131656307.jpg)Picture taken from <http://www.paperbackswap.com/Connected-Mathematics-2-Bits-Pieces/book/0131656309/>

The unit provides mathematical highlights, the goals of the unit that show the important ideas of the unit. These highlights focus us and allow us to follow our progress. Parents can refer to this if they want to understand the main ideas of a unit.

[](http://connectedmath.msu.edu/components/images/math_highlights_covering.jpg)Picture taken from <http://connectedmath.msu.edu/components/student.shtml>

The main themes of the units are the investigations. To develop understandings of concepts, reasoning, and procedure skills, we work through the investigation. Each unit has three to five investigations. Each investigation is made up of about two to five problems. We start off problems individually, in groups, or all together as a class. The development of problem solving skills is uncovered. Each investigation ends with a reflection, which is a summary. Homework problems follow the problems in each investigation.

[](http://www.connectedmath.msu.edu/pnd/images/covering/covering_ace_2.jpg)This picture was taken from <http://www.connectedmath.msu.edu/pnd/development.shtml>

ACE stands for Applications, Connections, and Extensions. The application part is where we apply what we learned. The connection is where we apply our knowledge to real life situations. The extensions part is we extend our knowledge.

Everything we work on, we record in our notebooks. In our class work section, we record all of what we do in school. Our homework section is where we record our homework. Our assessments section is where we put out tests.